

9:00~10:00, December 04
"Opening Ceremony"

10:30~15:30, December 4, 2008 / 10F, HM 1011
Joint Session & Keynote Speech

10:30~11:00	<i>Climate Change and Urban Disaster</i> Tran Thuc, Hydromet Service	[Abs]	[Slide]	[CV]
11:00~11:30	<i>Describing the human condition - from human development to human security: An environmental remote sensing and GIS approach</i> David Hastings, UN-ESCAP	[Abs]	[Slide]	[CV]
11:30~12:00	<i>TELDAP! Looking to the Future</i> Der Tsai Lee, Academia Sinica	[Abs]	[Slide]	[CV]
12:00~12:30	<i>Informatics and GIS Applications for Risk Management</i> Royol Chitradon, Hydro and Agro Informatics Institute (HAII), Thailand	[Abs]	[Slide]	[CV]
13:30~14:00	<i>Mapping and Modeling of Invasive Species using Remote Sensing and GIS</i> Sunil Narumalani, CALMIT, University of Nebraska-Lincol	[Abs]	[Slide]	[CV]
14:00~14:30	<i>Digital Archive of the Silk Road Heritage-The Digital Silk Road-</i> Kinji Ono, NII	[Abs]	[Slide]	[CV]
14:30~15:00	<i>Event Markup: A Potential Revolution for Metadata</i> Lewis Lancaster, ECAI	[Abs]	[Slide]	[CV]
15:00~15:30	<i>Environment, Technology and Institutions for Sustainable Humanosphere</i> Yasuyuki KONO, CSEAS, Kyoto University	[Abs]	[Slide]	[CV]

16:00~17:30, December 4, 2008 / 10F, HM 1011
"Cooperation and Digitization of Libraries in Taiwan and Vietnam on Southeast Asia Collections"

Chaired by Chu Tuyet Lan, The Institute of Han-Nom Studies

16:00~16:25	<i>The Han Nom Digitization at the National Library of Vietnam: Challenges & Prospects</i> Virginia Shih, University of California, Berkeley, USA	[Abs]	[Slide]	[CV]
16:25~16:50	<i>Building E-Library and Developing E-Resources at the National Library of Vietnam (NLV) and the Public Library System of Vietnam (PLSV)</i> Pham The Khang, National Library of Vietnam Dang Thi Mai*, National Library of Vietnam Le Duc Thang, National Library of Vietnam	[Abs]	[Slide]	[CV]
16:50~17:15	<i>Recent Development of Southeast Asia Research Collection and International Collaboration in Taiwan</i> Shiow-Man Liao, National Central Library, Taiwan	[Abs]	[Slide]	[CV]
17:15~17:40	<i>The Digitization Activities of Academic Libraries in Vietnam</i> Nguyen Huy Chuong, Vietnam National University of Hanoi	[Abs]	[Slide]	[CV]

16:00~17:30, December 4, 2008 / 9F, Room 903
"Creation and Organization of Local Cultural Atlases"

Chaired by Andreas Kunz, Institute of European History, Mainz, Germany

16:00~16:25	<i>Digitalization of Rock Art sites in Tamil Nadu, India</i> Dayalan, Archaeological Survey of India	[Abs]	[Slide]	[CV]
16:25~16:50	<i>Comparative of ECAI Mapping Local Island Cultures</i> David Blundell, National Chengchi University, Taiwan	[Abs]	[Slide]	[CV]
16:50~17:15	<i>www.MountainSongs.net</i> Gary Flint, Mountain Songs	[Abs]	[Slide]	[CV]
17:15~17:40	<i>New Progress in the BGIS Project at the University of Arizona</i> Jiang Wu, University of Arizona	[Abs]	[Slide]	[CV]

09:00~10:30, December 5, 2008 / 9F, Room 923
"e-Learning I: Bridge the Digital Divide"

Chaired by Han-chieh CHAO, Ministry of Education, Taiwan

09:00~09:30	<i>ICT scholar year in VietNam</i> Quach Tuan Ngoc, Bureau of Information Technology, Ministry of Education, Vietnam	[Abs]	[Slide]	[CV]
09:30~10:00	<i>Bridging the Digital Divide: Content And Capacity Building</i> Abtar Kaur, OpenUniversity, Malaysia	[Abs]	[Slide]	[CV]
10:00~10:30	<i>DOC in Taiwan: From Divide to Opportunity</i> Li-Yu Fu, National Tsing Hua University, Taiwan	[Abs]	[Slide]	[CV]

09:00~10:30, December 5, 2008 / 9F, Room 902

"Strategies for the Development of Superior Digital Archives : Cultural Diversity, Legal Framework and Licensing Mechanism"

Chaired by Der-Tsai Lee, Academia Sinica

09:00~09:20	<i>Building an Encyclopedic Digital Image Repository at the Metropolitan Museum of Art: Its Implications and Effects on the Museum's Image Services and Licensing Processes</i> Billy Chi-hing Kwan, The Metropolitan Museum of Art	[Abs]	[Slide]	[CV]
09:20~09:40	<i>Sharing the Vietnam experience</i> Vu Manh Chu, Copyright Office of Vietnam	[Abs]	[Slide]	[CV]
09:40~10:00	<i>The IPR management and license of digital archives/digital learning</i> Ching-Yi Liu, National Taiwan University	[Abs]	[Slide]	[CV]
10:00~10:20	<i>Initiating a Public Culture Network in Taiwan: Next Step for Taiwan Digital Archives Expansion Project, TELDAP</i> Cheng-Yun Liu, Academia Sinica	[Abs]	[Slide]	[CV]

09:00~10:30, December 5, 2008 / 9F, Room 903
"Data Management of Buddhist Texts"

Chaired by Peter Zhou, East Asian Library, University of California, Berkeley, USA

09:00~09:20	<i>Blue Dots" View of Traditional Buddhist Text – A Forward Perspective and Practice in the New Digital Age</i> Howie Lan, University of California, Berkeley, USA	[Abs]	[Slide]	[CV]
09:20~09:40	<i>Using TEI markup to extract GIS information from biographies of eminent monks</i> Marcus Bingenheimer, CBETA	[Abs]	[Slide]	[CV]
09:40~10:00	<i>A Management System for Sanskrit Buddhist Documents</i> Ralph Moon, University of California – Berkeley, CA, USA	[Abs]	[Slide]	[CV]
10:00~10:20	<i>Comparative Study of the Tripitaka Koreana and Dunhuang Manuscripts & Building a Comparative Image Research System (Based on the Digital Image Research Environment of the TK-IRS)</i> Myungsoo Kim, Tripitika Institute Kyukap Lee, Yonsei University, Korea Yun H. Oh, the Research Institute of Tripitaka Koreana, Korea	[Abs]	[Slide]	[CV]

11:00~12:30, December 5, 2008 / 9F, Room 923

"e-Learning II: The Trends and Future of e-Learning with the Web 2.0 Concept"**Chaired by** Gwo-Dong Chen, National Central University

11:00~11:30	<i>Creating real business value with Enterprise Learning 2.0</i> Li-Chieh Lin, Institution for Information Industry, Taiwan	[Abs]	[Slide]	[CV]
11:30~12:00	<i>An Overview of E-Learning in Vietnam</i> Pham Ngoc Thach, Hanoi University	[Abs]	[Slide]	[CV]
12:00~12:30	<i>The Organizational Knowledge Management for Knowledge Circulation & Reusing in e-Learning Practices</i> Toshio Okamoto, University of Electro-Communications, Tokyo-JAPAN	[Abs]	[Slide]	[CV]

11:00~12:30, December 5, 2008 / 9F, Room 902

"Digitalization 101 I : Ensuring Success: Digitization Standards and Process"**Chaired by** Jieh Hsiang, Research Center for Digital Humanities, National Taiwan University [CV]

11:00~11:45	<i>Making New Connections for Old Collections: The Process of Digitizing Ethnographic Objects and Images of Taiwan</i> Chia-yu Hu, National Taiwan University	[Abs]	[Slide]	[CV]
11:45~12:30	<i>Digitization and Applications of Archives: A Case Study of Tan-Hsin Archive</i> Shu-Fen Hung, National Taiwan University Library	[Full]	[Slide] [Paper]	[CV]

11:00~12:30, December 5, 2008 / 9F, Room 903

"Dynamic Mapping"**Chaired by** Edith Jimenez, Universidad de Guadalajara

11:00~11:30	<i>Using Cartography to reveal Historical Perspectives</i> Vlad Atanasiu, Austrian Academy of Sciences	[Abs]	[Slide]	[CV]
11:30~12:00	<i>Dynamic Mapping and Historical Context: Medieval Latin Places</i> Jeanette Zerneke, University of California, Berkeley	[Abs]	[Slide]	[CV]
12:00~12:30	<i>Applications of Digital Methods and Dynamic Maps in Southeast Asian History and Archaeology: An Overview</i> Damian Evans, University of Sydney	[Abs]	[Slide]	[CV]

14:00~15:30, December 5, 2008 / 9F, Room 923

"e-Learning III: Computer Technology in Chinese E-learning Instructions of Applications"**Chaired by** Yu-Ju Lan, National Taipei University of Education

14:00~14:30	<i>The Current State and Prospect of E-learning on Chinese Language in Taiwan</i> Yu-Ju Lan, National Taipei University of Education	[Abs]	[Slide]	[CV]
14:30~15:00	<i>The Development of Multimedia Chinese Language Teaching Over The Past Four Decades In The U.S.</i> De Bao Xu, Hamilton College, NY, USA Hong Gang Jin, Hamilton College, NY, USA	[Abs]	[Slide]	[CV] [CV]
15:00~15:30	<i>Computer and Technology Application of Chinese Language Teaching in Vietnamese University</i> Tran Thi Kim Loan, Vietnam National University, Hanoi	[Abs]	[Slide] [Paper]	[CV]

14:00~15:30, December 5, 2008 / 9F, Room 902

"Digitalization 101 II: Digitization and Information Integration of Biological Collections"**Chaired by** Piyawut Srichaikul, NECTEC, Thailand

14:00~14:45	<i>Digitization and Information Integration of Biological Collections</i> Burke Chih-Jen Ko, Academia Sinica	[Abs]	[Slide]	[CV]
14:45~15:30	<i>Introduction to the Database of Ethnological Scripts of Institute of History and Philology, Academia Sinica, Taiwan</i> Chi-jui Hu, Academia Sinica	[Abs]	[Slide]	[CV]

14:00~15:40, December 5, 2008 / 9F, Room 903

"Humanities GIS and Analysis"**Chaired by** Damian Evans, University of Sydney, Australia

14:00~14:25	<i>British Historical GIS Reinterpreted: Beyond Administrative</i> Paul Ell, Queen's University, Belfast, Northern Ireland	[Abs]	[Slide]	[CV]
14:25~14:50	<i>Historical GIS and the development of the European state system since 1815</i> Andreas Kunz, Institute of European History, Mainz, Germany	[Abs]	[Slide]	[CV]
14:50~15:15	<i>Apply Google Map and Map Titles Processing Technology to Building the Online Culture Map System</i> I-chun Fan, Academia Sinica	[Abs]	[Slide]	[CV]
15:15~15:40	<i>Digitizing the Asami Collection and Korean Rare Books at the University of California, Berkeley</i> Peter Zhou, University of California – Berkeley, CA, USA Sung Taek Cho, Korea University, Korea Professor Kim, Korea University, Korea	[Abs]	[Slide]	[CV]

16:00~17:30, December 5, 2008 / 9F, Room 923

"The International Buddhist Archives Network (IBA-net)"**Chaired by** Marcus Bingenheimer, Drum Buddhist College

16:00~16:30	<i>The Ideas of the Integrated Buddhist Archives Network</i> Christian Wittern, Kyoto University	[Abs]	[Slide]	[CV]
16:30~17:00	<i>Buddhist Lexicographical Resources and Tripitaka Catalogs -- towards an International Buddhist Archives Network</i> Aming Tu, Dharma Drum Buddhist College	[Abs]	[Slide]	[CV]
17:00~17:30	<i>The GIS Database of the Headstone Inscriptions of Temple Steles in Vietnam</i> Lê Mạnh Thát, Vietnam Buddhist University	[Abs]	[Slide]	[CV]

16:00~17:30, December 5, 2008 / 9F, Room 902

"Digitalization 101 III : What's Next to Digitizing?"**Chaired by** James Quo-Ping Lin, National Palace Museum, Taiwan

16:00~16:45	<i>Behind the Scenes of the NPM Digital Archive Project</i> James Quo-Ping Lin, National Palace Museum, Taipei, Taiwan	[Abs]	[Slide]	[CV]
16:45~17:30	<i>What's Next to Digitizing? Global Licensing!</i> Paul Chen-Wo Kuo, National Palace Museum, Taiwan	[Abs]	[Slide]	[CV]

16:00~17:30, December 5, 2008 / 9F, Room 903
"GIS Explorations in the History of Japan: Humanities GIS"

Chaired by Philip Brown, Ohio State University, Columbus, Ohio, USA

16:00~16:30	<i>Characteristics of the Siting and Environment of the Urban Areas of Heij?ky? (AD710-784) in the Northern Nara Basin</i> Tatsunori KAWASUMI, Ritsumeikan University, Japan	[Abs]	[Slide]	[CV]
16:30~17:00	<i>A Historical GIS for Analyzing Migration through Marriage in 17th-19th century Japan</i> Hiroshi KAWAGUCHI, Tsunekazu KATO, Tezukayama University, Nara, Japan	[Abs]	[Slide]	[CV]
17:00~17:30	<i>Japan Sinks: Floods, Drainage, and the Impact of Modern Civil Engineering in the Echigo Plain</i> Philip BROWN, Ohio State University, Columbus, USA	[Abs]	[Slide]	[CV]

09:00~10:30, December 6, 2008 / 9F, Room 902

"Area Informatics: Application of Spatiotemporal Tools to Analyse Data"**Chaired by** Masatoshi Kubo, National Museum of Ethnology, Japan
Shibayama Hara, Kyoto University

09:00~09:20	<i>The Dynamic State of the "Foreigners" in Pre-war China By Using the Variable Demographic-Statistics Database</i> Toshihiko Kishi, Kanagawa University, Japan	[Abs]	[Slide]	[CV]
09:20~09:40	<i>Information analysis of various type of information based on temporal data</i> Tatsuki Sekino, Research Institute for Humanity and Nature, Japan	[Abs]	[Slide]	[CV]
09:40~10:00	<i>Eco-Historical Analysis of YUNNAN Chronicle: Using Time-Space Analysis System GT-Time:</i> Masatoshi Kubo, National Museum of Ethnology, Japan	[Abs]	[Slide]	[CV]
10:00~10:20	<i>The Construction of the Digital Gazetteer based on Humanities GIS and the Analysis of Characteristic</i> Ikuo OKETANI*1, Osaka International University, Japan Mitsuru AIDA*2, National Institute of Japanese Literature, Japan	[Abs]	[Slide]	[CV]

09:00~10:20, December 6, 2008 / 9F, Room 903

"Urban Development in Social and Historical Context"**Chaired by** Alexander A. Stolyarov, Russian Academy of Sciences

09:00~09:20	<i>The Influence of The City in The Destiny of The Surrounding Agrarian Communities: Case of Tlajomulco in Mexico 1821-2008</i> Edith Jimenez, Maria de la Luz, Ayala, Heriberto Cruz, Universidad de Guadalajara	[Abs]	[Slide]	[CV]
09:20~09:40	<i>The Role of the Indian Villages in Mexico in the supply of Goods to the City Guadalajara and its Indian Belt 16th – 19th Centuries</i> Edith Jimenez, Maria de la Luz, Ayala, Heriberto Cruz, Universidad de Guadalajara	[Abs]	[Slide]	[CV]
09:40~10:00	<i>Creating Genius Loci in Hyperspace</i> Felicity Morel, Department of Premier and Cabinet, Western Australia	[Abs]	[Slide]	[CV]
10:00~10:20	<i>Towards a Comprehensive Digital Sanskrit Buddhist Canon</i> Min Bahadur Shaktya, Nagarjuna Institute of Exact Methodss	[Abs]	[Slide]	[CV]

11:00~12:30, December 6, 2008 / 9F, Room 902

"GIS Technology Application in Environment Disaster"**Chaired by** Nguyen Ngoc Thach, Hanoi University of Science, Vietnam

11:00~11:20	<i>Remote Sensing and GIS Technology Application and Education in Vietnam for Environment Disaster Aspect</i> Nguyen Ngoc Thach, Hanoi University of Science, Vietnam			
11:20~11:40	<i>Using TEI markup to extract GIS information from biographies of eminent monks</i> Feng-Tyan Lin, National Taiwan University	[Abs]	[Slide]	[CV]
11:40~12:00	<i>GIS Application in Landslide Hazard Analysis – an Example from the Shihmen Reservoir Catchments Area in Northern Taiwan</i> Chyi-Tyi Lee, National Central University, Taiwan	[Full]	[Slide]	[CV]
12:00~12:20	<i>The Application of GIS and Satellite Images for Land Use Change Detection</i> Chi-Farn Chen, National Central University, Taiwan	[Abs]	[Slide]	[CV]

11:00~12:30, December 6, 2008 / 9F, Room 903
"Context Composition for Cultural Data"

Chaired by Marcus Bingenheimer, Dharma Drum Buddhist College

11:00~11:30	<i>Area Informatics and Spatiotemporal Application</i> Shoichiro Hara, Kyoto University, Japan	[Abs]	[Slide]	[CV]
11:30~12:00	<i>Laptops and Libraries: Decentralized Access to Explanatory Resources</i> Michael Buckland, University of California – Berkeley, CA, USA	[Abs]	[Slide]	[CV]
12:00~12:30	<i>The Experience of Building Time, Person, and Place Authority Databases for Chinese Buddhist Canons</i> Joey Hung, Dharma Drum Buddhist College, Taiwan	[Abs]	[Slide]	[CV]

14:00~15:30, December 06
"Digital Gazetteer and Calendar"

Chaired by Shoichiro Hara, Kyoto University

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14:00~15:40, December 06, 2008 / 9F, Room 903
"Cultural Atlases: Monuments and Texts"

Chaired by Ralph Moon, University of California, Berkeley, USA

14:00~14:25	<i>Computer-assisted tools for the creation of electronic atlases of cultural heritage monuments</i> Stanislav Shchigorets, GREC Research Group, St. Petersburg, Russia	[Abs]	[Slide]	[CV]
14:25~14:50	<i>Using GIS and culture records in the development of Taiwan Buddhism Database</i> Aming Tu, Dharma Drum Buddhist College Jenjou Hung, Dharma Drum Buddhist College Fayuan Shi, Dharma Drum Buddhist College	[Abs]	[Slide]	[CV]
14:50~15:15	<i>Main Problems of Placing in the Web the Annotated Database of Early Mediaeval North Indian Copper-Plate Grants</i> Alexander A. Stolyarov, Russian Academy of Sciences	[Abs]	[Slide]	[CV]
15:15~15:40	<i>Results and Prospects of Creation of Mongolian Manuscripts and Xylographs Database</i> Tsymzhit Vanchikova, Russian Academy of Science	[Abs]	[Slide]	[CV]

9:00-17:00, December 4-6 / 6F Poster Area
"Poster Session"

1	<i>Atayal Satellite Camp - Learning Satellite Science & Technology from the Indigenous Villagers</i> Chih-Li Chang*, National Space Organization (NSPO), Taiwan Li-Yu Fu, National Tsing Hua University, Taiwan Jiun-jih Miao, National Space Organization (NSPO), Taiwan	[Poster]
2	<i>Apply Google Map and Geo-Spatial DBMS to Building the Online Culture Map System</i> I-Chun Fan, Professor, Hsiung-Ming Liao, Assistant Research Specialist, Research Center for Humanities and Social Sciences, Academia Sinica, Taiwan	[Poster]
3	<i>Integrating Digital Archives with GIS as Instruction Media for Social Studies Courses</i> Siang-Mei Huang, Wan-Yu Chen, Kuo-Hung Huang Department of E-Learning Design and Management, National Chiayi University, Chiayi, Taiwan	[Poster]
4	<i>Establishing Taiwan Biodiversity Information Network</i> Shao, Kwang-Tsao ¹ , Kun-Chi Lai ¹ , Burke Chih-Jen Ko ¹ , Lee-Sea Chen ¹ , Alan Jieluen Yang ¹ , 1. Biodiversity Research Center, Academia Sinica	[Poster]